DECLARATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

NOVEL TRANSCRIPTIONAL REGULATORS AND USES THEREFOR

NOVE	E IMANSCICITI	OWNER REGUERTIONS THE	USES .	
_	n of which (I authoried and fill in the blanks,	ze Choate, Hall & Stewart to of if applicable):	check or	ne of the following,
is	s attached hereto			
wa S	s filed on erial No	as Application and amended on		(if applicable).
on Augu	vas filed as PCT into st 26, 1998 and wa	ernational application No. <u>PCT</u> as amended under PCT Article (if applicable).	/ <u>US98/1</u> 19	<u>7691</u>
I hereby specification, in	state that I have rev cluding the claims, a	riewed and understood the contast amended by any amendment	tents of	the above-identified d to above.
I acknow	vledged the duty to o	disclose information which is noticed in the second results and the second reduced in the second reduced in the second reduced in the second reduced reduced in the second reduced red	naterial ılations,	to the examination of §1.56.
foreign applicati below any forei	ion(s) for patent or i	ty benefits under Title 35, Uni nventor's certificate listed belo atent or inventor's certificate h is claimed:	ow and h	have also identified
Prior Foreign A	pplication(s):	Priority Claime	d	
(Number)	(Country)	(Day/Month/Year/Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year/Filed)	Yes	No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America

disclosed in the prior Uni Title 35, United States Co defined in Title 37, Code	ted States application ode, §112, I acknow of Federal Regulat	er of each of the claims of this application is not on in the manner provided by the first paragraph of vledge the duty to disclose material information as ions, §1.56 which became available between the ational or PCT international filing date of this
(Application Serial No.)	(filing date)	(status-patented, pending, abandoned)
PCT Applications designa	iting the United Sta	tes:
(PCT Appl. No.)	(U.S.S.N.)	(status-patented, pending, abandoned)
provisional application(s) application is not disclose paragraph of Title 35, Un which is material to paten	listed below and, in d in the prior Unite ited States Code, § tability as defined in the filing date of t	35, United States Code, §119(e) of any United States as of as the subject matter of each of the claims of this ed States application in the manner provided by the first 112, I acknowledge the duty to disclose information in Title 37, Code of Federal Regulations, §1.56 which the prior application and the national filing date of this
60/056,857	August 27, 1997	pending
Application Number	Filing Date	Status
Application Number	Filing Date	Status
statements made on information were made with the known fine or imprisonment, or willful false statements made on information with the known fine or imprisonment, or willful false statements made on information with the known fine or imprisonment.	mation and belief a ledge that willful f both, under Section ay jeopardize the v	rade herein of my own knowledge are true and that all re believed to be true; and further that these statements alse statements and the like so made are punishable by 1001 of Title 18 of the United State Code and that such ralidity of the application or any patents issued thereon.
		11
Inventor's signature:		Date:
Residence: <u>3 Acorn Lan</u>	e, Lincoln, MA 01	773
Citizenship: U.S.A.		

Post Office Address: same

Full name of second inventor: Samol Saha		
Inventor's signature:	Date:	
Residence: 24 Sunset Road, Arlington, MA 02474		
Citizenship: U.S.A.	,	
Post Office Address: Same		
Full name of third inventor: Mark Ptashne Inventor's signature:	Date:	
Residence: 1075 Park Avenue, New York, NY 10120		
Citizenship: U.S.A.		
Post Office Address: Same		
DS1.424744.1		

DECLARATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

NOVEL TRANSCRIPTIONAL REGULATORS AND USES THEREFOR

	of which (I authori d fill in the blanks,	ze Choate, Hall & Stewart to of if applicable):	check one of the followi	ng,
is	attached hereto			
was Se	filed on rial No	as Application and amended on	(if applicable).	
on Augus	as filed as PCT inte t 26, 1998 and wa	ernational application No. PCT as amended under PCT Article (if applicable).	<u>/US98/17691</u> 19	
I hereby specification, inc	state that I have rev luding the claims, a	iewed and understood the contact amended by any amendment	ents of the above-identi referred to above.	fied
I acknowl	ledged the duty to on accordance with	lisclose information which is r Fitle 37, Code of Federal Regu	naterial to the examinati lations, §1.56.	on of
foreign application below any foreig	on(s) for patent or i	ty benefits under Title 35, Uninventor's certificate listed beloatent or inventor's certificate his claimed:	w and have also identif	ied
Prior Foreign Ap	oplication(s):	Priority Claime	d	
(Number)	(Country)	(Day/Month/Year/Filed)	Yes No	
(Number)	(Country)	(Day/Month/Year/Filed)	Yes No	

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America



listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

appression.		
(Application Serial No.)	(filing date)	(status-patented, pending, abandoned)
PCT Applications designa	ting the United Stat	res:
(PCT Appl. No.)	(U.S.S.N.)	(status-patented, pending, abandoned)
provisional application(s) application is not disclose paragraph of Title 35, Uni	listed below and, in d in the prior United ited States Code, §1	35, United States Code, §119(e) of any United States sofar as the subject matter of each of the claims of this d States application in the manner provided by the first 12, I acknowledge the duty to disclose information in Title 37, Code of Federal Regulations, §1.56 which the prior application and the national filing date of this
Provisional Application(s)	:	
60/056.857	August 27, 1997	pending
Application Number	Filing Date	Status
Application Number	Filing Date	Status
statements made on information were made with the know	nation and belief ar rledge that willful for both under Section	ade herein of my own knowledge are true and that all the believed to be true; and further that these statements also statements and the like so made are punishable by 1001 of Title 18 of the United State Code and that such alidity of the application or any patents issued thereon.
Full name of first invento		
Inventor's signature:		Date:
Residence: 3 Acorn Lan	e, Lincoln, MA 01	773
Citizenship: U.S.A.		
Post Office Address: sar	ne	

140.697



Full name of second inventor: Samol Saha	
Inventor's signature:	Date: <u>08-24-96</u>
Residence: USA	
Citizenship: SWEDI3H	
Post Office Address: 24 SUNSET Rd. ARLIW	GTOW, MA 02474
Full name of third inventor: Mark Ptashne	
	Date:
Inventor's signature:	
Residence: 1075 Park Avenue, New York, NY 10120	
Citizenship: U.S.A.	
Post Office Address: Same	

NO.489

ATTORNEY DOCKET NO.: 0341941-0031(HU 01431-97/BU 97-59)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Jarrell et al.

Serial No.:

Filed:

August 26, 1998

For:

NOVEL TRANSCRIPTIONAL REGULATORS AND USES THEREFOR

VERIFIED STATEMENT (DECLARATION) <u>CLAIMING SMALL ENTITY STATUS</u> 37 CFR 1.9(f) and 1.27(d) NON-PROFIT ORGANIZATION

I hereby declare that I am an official empowered to act on behalf of the non-profit organization identified below:

NAME OF ORGANIZATION: President and Fellows of Harvard College ADDRESS OF ORGANIZATION: 17 Ouincy Street, Cambridge, MA 02138 TYPE OF ORGANIZATION:

(X)	University or other organization of higher education
()	Non-profit scientific or educational organization under a statute of a state of the United States of America NAME OF STATE: CITATION OF STATUTE:
()	Would qualify as tax exempt under the Internal Revenue Service Code (26 USC 501(a) and 501(c) (3) if the organization were located in the United States of America
()	Tax exempt under the Internal Revenue Service Code (26 USC 501(a) and 501(c) (3).
()	Would qualify as a non-profit scientific or educational organization under a statute of a state of the United States of America NAME OF STATE: CITATION OF STATUTE:

I hereby declare that the above-identified non-profit organization qualifies as a non-profit organization as defined in 37 CFR 1.9(e), for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code.

I hereby declare that rights under contract or law have been conveyed to and remain with the above-identified non-profit organization with regard to the invention titled:

TITLE: by:	Novel Transcriptional Regulators and Uses Therefor
INVENTOR(described in:	S): Kevin A, Jarrell, Samol Saha and Mark Ptashne
()	the specification filed herewith
(X)	U.S. Patent Application Serial Number
()	U.S. Patent Numberissued
nvention are	of the above-identified non-profit organization are not exclusive, each individual, organization having rights to the invention is listed below* and no rights to the held by any person, other than the inventor(s), who could not qualify as a small ern under 37 CFR 1.9(d) or a non-profit organization under 37 CFR 1.9(e).
NOTE: Se organization 1.27).	parate verified statements are required from each named person, concern, or naving rights to the invention, averring to their status as small entities. (37 CFR
FULL NAME	Trustees of Boston University
ADDRESS: () INDIVIDU	108 Bay State Road, Boston, MA 02215 [AL () SMALL BUSINESS CONCERN () NON-PROFIT ORGANIZATION
FULL NAME	
ADDRESS: () INDIVIDU	JAL () SMALL BUSINESS CONCERN () NON-PROFIT ORGANIZATION
FULL NAME	3;
ADDRESS: () INDIVIDU	JAL () SMALL BUSINESS CONCERN () NON-PROFIT ORGANIZATION
I acknowledge	e the duty to file, in this application or patent, notification of any change in status

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code,

NO.489 P.4

and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING:

TITLE IN ORGANIZATION:

SIGNATURE: DS1.424761.1

ADDRESS OF PERSON SIGNING:

President and Fellows of Harvard College 17 Quincy Street, Cambridge, MA 02138

DATE-

JOYCE BRINTON, DIRECTOR

OFFICE OF TECHNOLOGY & TRADEMARK LICENSING HARVARD UNIVERSITY

ħ.

ATTORNEY DOCKET NO.: 0341941-0031(HU 01431-97/BU 97-59)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Jarrell et al.

Serial No.:

Filed:

August 26, 1998

For:

NOVEL TRANSCRIPTIONAL REGULATORS AND USES THEREFOR

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS 37 CFR 1.9(f) and 1.27(d) **NON-PROFIT ORGANIZATION**

I hereby declare that I am an official empowered to act on behalf of the non-profit organization identified below:

University or other organization of higher education

NAME OF ORGANIZATION:

Trustees of Boston University

ADDRESS OF ORGANIZATION: 147 Bay State Road, Boston, MA 02215

TYPE OF ORGANIZATION:

(X)

()	Non-profit scientific or educational organization under a statute of a state of the United States of America NAME OF STATE:
		CITATION OF STATUTE:
()	Would qualify as tax exempt under the Internal Revenue Service Code (26 USC 501(a) and 501(c) (3) if the organization were located in the United States of America

Tax exempt under the Internal Revenue Service Code (26 USC 501(a) and 501(c) () (3).

would qualify as a non-profit scientific or educational organization under a statute
of a state of the United States of America
NAME OF STATE:
CITATION OF STATUTE:

I hereby declare that the above-identified non-profit organization qualifies as a non-profit organization as defined in 37 CFR 1.9(e), for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code.

TITLE: by:	Novel Transcriptional Regulators and Uses Therefor
INVENTOR() described in:	S): <u>Kevin A. Jarrell, Samol Saha and Mark Ptashne</u>
() (X)	the specification filed herewith U.S. Patent Application Serial Number filed U.S. Patent Number issued

If the rights of the above-identified non-profit organization are not exclusive, each individual, concern, or organization having rights to the invention is listed below* and no rights to the invention are held by any person, other than the inventor(s), who could not qualify as a small business concern under 37 CFR 1.9(d) or a non-profit organization under 37 CFR 1.9(e).

Separate verified statements are required from each named person, concern, or organization having rights to the invention, averring to their status as small entities. (37 CFR 1.27).

FULL NAME: ADDRESS: () INDIVIDUAL	President and Fellows of Harvard College 17 Quincy Street, Cambridge, M A 02138 () SMALL BUSINESS CONCERN (X) NON-PROFIT ORGANIZATION
FULL NAME: ADDRESS: () INDIVIDUAL	() SMALL BUSINESS CONCERN () NON-PROFIT ORGANIZATION
FULL NAME: ADDRESS: () INDIVIDUAL	() SMALL BUSINESS CONCERN () NON-PROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING:

ADDRESS OF PERSON SIGNING:

TITLE IN ORGANIZATION:

Matthew J. Burns

Assistant Treasurer

Trustees of Boston University

108 Bay State Road, Boston, MA 02215

SIGNATURE: DS1.425307.1

DATE: 3/16/00

MATTHEW J. BURNS ASSISTANT TREASURER BOSTON UNIVERSITY

F. T. T. T. T. T. See 4-10 (ma) (ma) (ma) (m. 4-10 T. 4-10 T.



DECLARATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

invention entitled	; ;		
NOVEL	. TRANSCRIPTIO	NAL REGULATORS AN	USES THEREFOR
the specification of three choices, and	of which (I authorized fill in the blanks, i	e Choate, Hall & Stewart to f applicable):	check one of the following,
is	attached hereto	7 -	
was	filed on	as Application and amended on	(if applicable).
AS AUGUS	as filed as PCT inter 26, 1998 and was	national application No. <u>PC</u> s amended under PCT Artic (if applicable).	<u>T/US98/17691</u> le 19
		ewed and understood the cos amended by any amendme	entents of the above-identified and referred to above.
_ ^	الممقيسة ودواوا	isclose information which is title 37, Code of Federal Re	material to the examination of
I hereby foreign applications any foreign	claim foreign priorit	y benefits under Title 35, Univentor's certificate listed be tent or inventor's certificate	inited States Code, §119 of any slow and have also identified having a filing date before that
Prior Foreign Application(s):		Priority Clair	ned
(Number)	(Country)	(Day/Month/Year/Filed)	Yes No
(Number)	(Country)	(Day/Month/Year/Filed)	
I hereby	claim the benefit ur PCT international	nder Title 35, United States application(s) designating th	Code, §120 of any United States e United States of America

listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

defined in Title 37, Code of filing date of the prior application:	f Federal Regulatication and the na	ational or PCT international filing date of this
(Application Serial No.)	(filing date)	(status-patented, pending, abandoned)
PCT Applications designat	ing the United Sta	ates:
(PCT Appl. No.)	(U.S.S.N.)	(status-patented, pending, abandoned)
provisional application(s) lapplication is not disclosed paragraph of Title 35, Unit	isted below and, is in the prior United States Code, §	e 35. United States Code, §119(e) of any United States insofar as the subject matter of each of the claims of this sed States application in the manner provided by the first §112, I acknowledge the duty to disclose information in Title 37, Code of Federal Regulations, §1.56 which the prior application and the national filing date of this
Provisional Application(s):		
60/056,857 Application Number	August 27, 1997 Filing Date	pending Status
Application Number	Filing Date	Status
statements made on information were made with the know	ledge that willful	nade herein of my own knowledge are true and that all are believed to be true; and further that these statements false statements and the like so made are punishable by n 1001 of Title 18 of the United State Code and that such validity of the application or any patents issued thereon.
Pull name of first invento Inventor's signature:	Kun X. H	Date: 5/15/00
Residence: 3 Acorn Lane	Lincoln MA	1773
Citizenship: U.S.A.		
Post Office Address: san	ne	

Full name of second inventor. Samol Saha	Date:
Inventor's signature:	Date
Residence: 24 Sunset Road, Arlington, MA 02474	
Citizenship: Swedish	
Post Office Address: same	
Full name of third inventor: Mark Ptashne	Deter
Inventor's signature:	Date:
Residence: 1075 Park Avenue, New York, NY 10120	
Citizenship: U.S.A.	
Post Office Address: Same	